

AS-BUILT REPAIR QUANTITY TABLE

| BENT 77 | | | |
|---------------------------|----------|---------|-------|
| CAP REPAIRS | | | |
| SHOTCRETE REPAIRS | 1.5 SF | 0.8 CF | SF CF |
| EPOXY RESIN INJECTION | - LF | | LF |
| PILE REPAIRS | | | |
| PILE CONCRETE RESTORATION | 28.5 SF | 12.1 CF | SF CF |
| FRP PROTECTIVE SYSTEM AWL | 121.0 SF | | |
| FRP PROTECTIVE SYSTEM BWL | 49.5 SF | | |

| BENT 78 | | | |
|---------------------------|----------|---------|-------|
| CAP REPAIRS | | | |
| SHOTCRETE REPAIRS | - SF | - CF | SF CF |
| EPOXY RESIN INJECTION | - LF | | LF |
| PILE REPAIRS | | | |
| PILE CONCRETE RESTORATION | 29.8 SF | 12.6 CF | SF CF |
| FRP PROTECTIVE SYSTEM AWL | 143.0 SF | | |
| FRP PROTECTIVE SYSTEM BWL | 66.0 SF | | |

FOR CAP REPAIRS: VALUES IN CHART REPRESENT ESTIMATED REPAIR TOTALS AFTER REMOVAL OF UNSOUND CONCRETE, MIN. OF 1" BEHIND REBAR AND MIN. 2" CL. TO SAWCUT. SEE REPAIR DETAILS.

NOTES:
REPAIR LOCATIONS AND ESTIMATE OF QUANTITIES ARE GIVEN WITH THE BEST INFORMATION AVAILABLE. IF ADDITIONAL REPAIRS NOT SHOWN ON THE DRAWINGS ARE DEEMED NECESSARY BY THE ENGINEER, THE CONTRACTOR SHALL NOTE ON THE DRAWINGS THE APPROXIMATE LOCATION AND DESCRIPTION OF THE REPAIRS AND ADJUST THE ACTUAL QUANTITIES ENTERED INTO THE REPAIR QUANTITY TABLE.

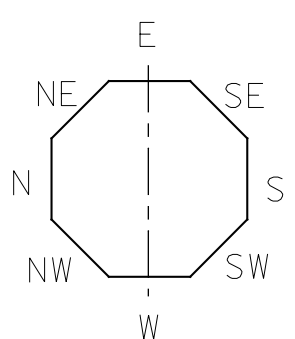
FOR SHOTCRETE REPAIRS, SEE SPECIAL PROVISIONS.
FOR CONCRETE REPAIR DETAILS, SEE "TYPICAL CAP, COLUMN & UNDERDECK REPAIR DETAILS" & "PILE CONCRETE RESTORATION DETAILS" SHEETS.
FOR PILE CONCRETE RESTORATION, SEE SPECIAL PROVISIONS.
FOR FRP PROTECTIVE SYSTEM, SEE SPECIAL PROVISIONS.
FOR FRP PROTECTIVE SYSTEM DETAILS AND UNDERWATER MORTAR REPAIRS, SEE "PILE FRP PROTECTIVE SYSTEM DETAILS" SHEET.

ESTIMATED PILE CRACK QTY. TABLE

| | | NW | W | SW | S | SE | E | NE | N |
|---------|--------|----|---|----|---|----|---|----|---|
| BENT 77 | PILE 1 | - | - | 6 | - | - | - | 2 | - |
| | PILE 2 | - | - | - | - | - | - | - | - |
| | PILE 3 | - | - | - | - | - | - | - | - |
| | PILE 4 | 6 | - | 3 | 3 | - | - | - | - |
| | PILE 6 | 3 | - | 3 | - | - | - | - | 4 |
| BENT 78 | PILE 1 | - | - | - | 4 | - | - | - | 5 |
| | PILE 2 | 2 | 4 | 3 | - | - | - | - | - |
| | PILE 3 | 4 | - | 4 | - | - | - | 1 | 4 |
| | PILE 4 | 3 | - | 4 | - | - | 2 | 4 | - |

NOTE: FOR INFORMATION ON PILE CONDITION ONLY.

PROJECT NO. HB-0017
DARE COUNTY
 BRIDGE NO. 270009



▲ FRP PROTECTIVE SYSTEM BELOW WATERLINE MAY INCLUDE APPROVED UNDERWATER MORTAR REPAIRS

- ERI - EPOXY RESIN INJECTION
- [Hatched Box] - FRP PROTECTIVE SYSTEM
- [Diagonal Lines] - PILE CONCRETE RESTORATION
- [Cross-hatched Box] - SHOTCRETE REPAIRS

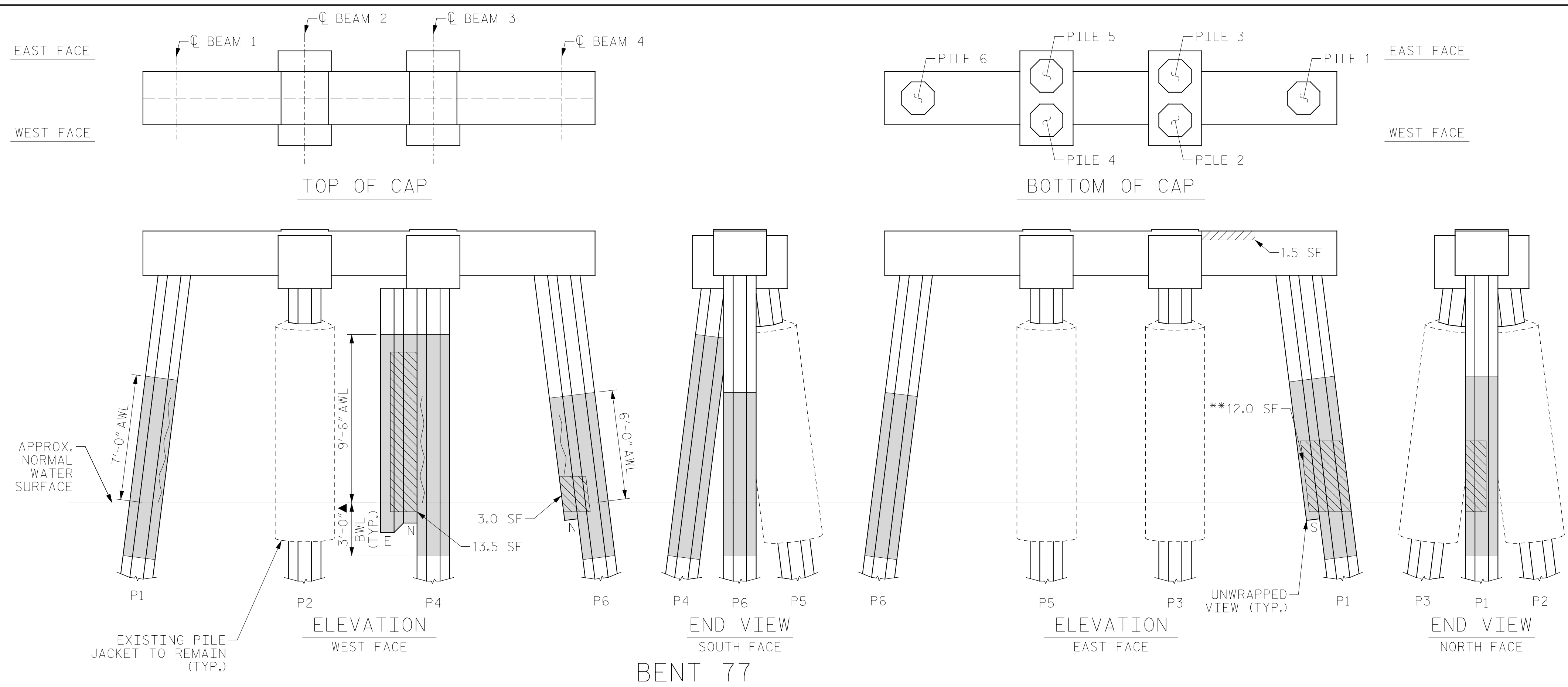


STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

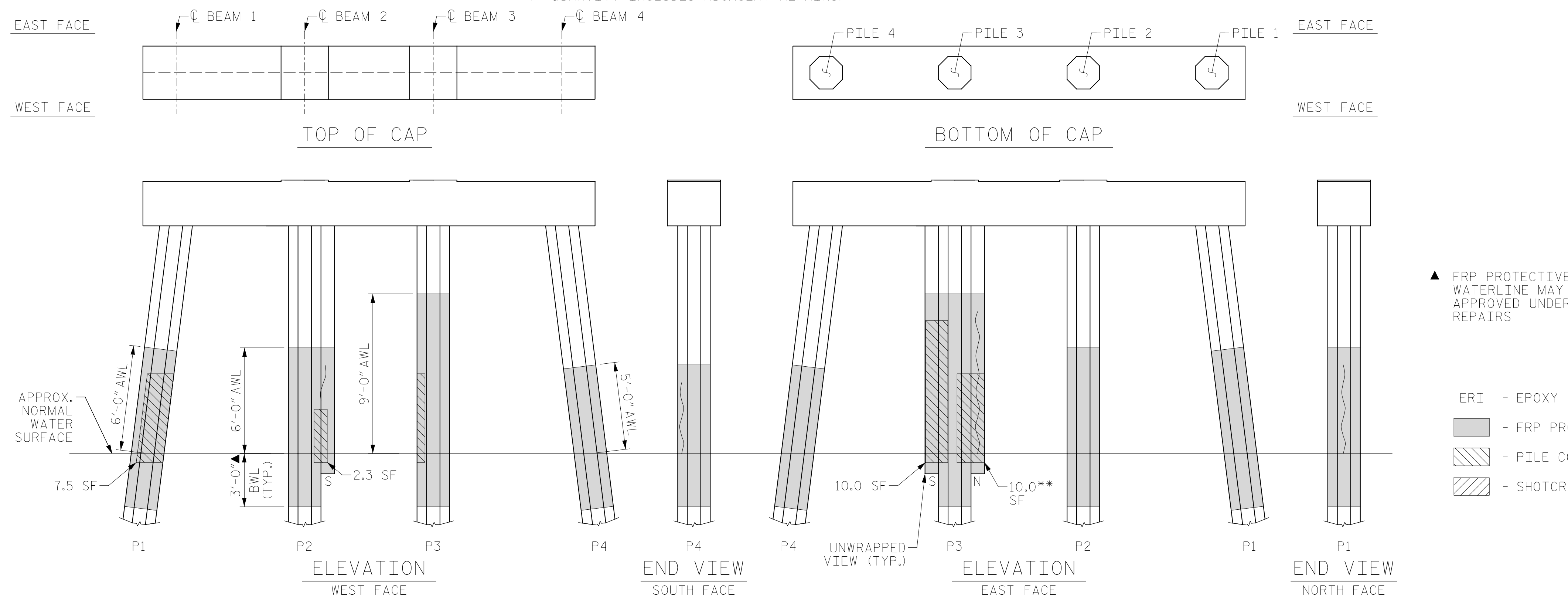
BENT 77 & BENT 78

| REVISIONS | | | | | | SHEET NO. |
|-----------|-----|-------|-----|-----|-------|--------------|
| NO. | BY: | DATE: | NO. | BY: | DATE: | S-154 |
| 1 | | | 3 | | | TOTAL SHEETS |
| 2 | | | 4 | | | 355 |

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



BENT 77
 (AWL = ABOVE WATERLINE)
 (BWL = BELOW WATERLINE)
 (**QUANTITY INCLUDES ADJACENT REPAIRS)



BENT 78
 (AWL = ABOVE WATERLINE)
 (BWL = BELOW WATERLINE)
 (**QUANTITY INCLUDES ADJACENT REPAIRS)

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 CHECKED BY: R. FISHER DATE: 3/2019